

Alovudine

a-LO-vu-deen



Drug Class: Nucleoside Reverse Transcriptase Inhibitors

Alovudine, also known as MIV-310, is a type of medicine called a nucleoside reverse transcriptase inhibitor (NRTI). NRTIs work by blocking reverse transcriptase, a protein that HIV needs to make more copies of itself.

HIV/AIDS-Related Uses

Alovudine is an investigational medicine that is not approved by the FDA for use outside of clinical trials. It was being studied for the treatment of drug-resistant HIV infection, especially against strains that have developed resistance to zidovudine. In 2005, development of alovudine was stopped because safe, low doses of the drug did not show sufficient antiviral effect against HIV.

Alovudine does not cure or prevent HIV infection or AIDS and does not reduce the risk of passing the virus to other people.

Dosage Form/Administration

Alovudine comes in a liquid form and is taken by mouth.

Contraindications

Individuals should tell a doctor about any medical problems before taking this medicine.

Possible Side Effects

Along with its desired effects, alovudine can cause some unwanted effects. Although not all of these effects are known, serious bone marrow suppression has been reported in patients taking high-dose alovudine. When the bone marrow is suppressed, new red and white blood cells are not produced; a patient becomes anemic and is at increased risk of infection. Individuals should tell a doctor if they have symptoms of anemia, including fatigue or weakness.

Drug and Food Interactions

A doctor should be notified of any other medications being taken, including prescription, nonprescription (over-the-counter), or herbal medications.

Clinical Trials

For information on clinical trials that involve Alovudine, visit the ClinicalTrials.gov web site at <http://www.clinicaltrials.gov>. In the Search box, enter: Alovudine AND HIV Infections.

Manufacturer Information

Alovudine
Medivir UK Ltd
Chesterford Research Park
Little Chesterford, Essex, United Kingdom
44(0)-1-799-532-100

For More Information

Contact your doctor or an AIDSinfo Health Information Specialist:

- Via Phone: 1-800-448-0440 Monday - Friday, 12:00 p.m. (Noon) - 5:00 p.m. ET
- Via Live Help: http://aidsinfo.nih.gov/live_help Monday - Friday, 12:00 p.m. (Noon) - 4:00 p.m. ET